JAMECO ELECTRONIC COMPONENTS

COMPUTER PROCUCTS

Part Number: 151861
Product Number: C42M048A04

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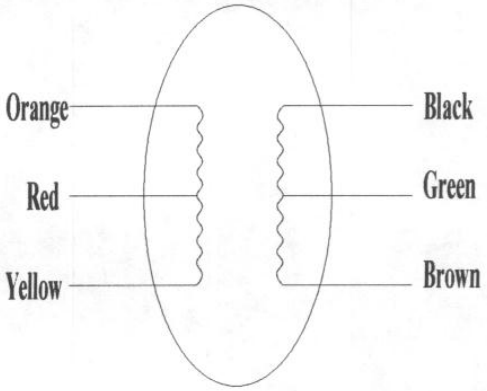
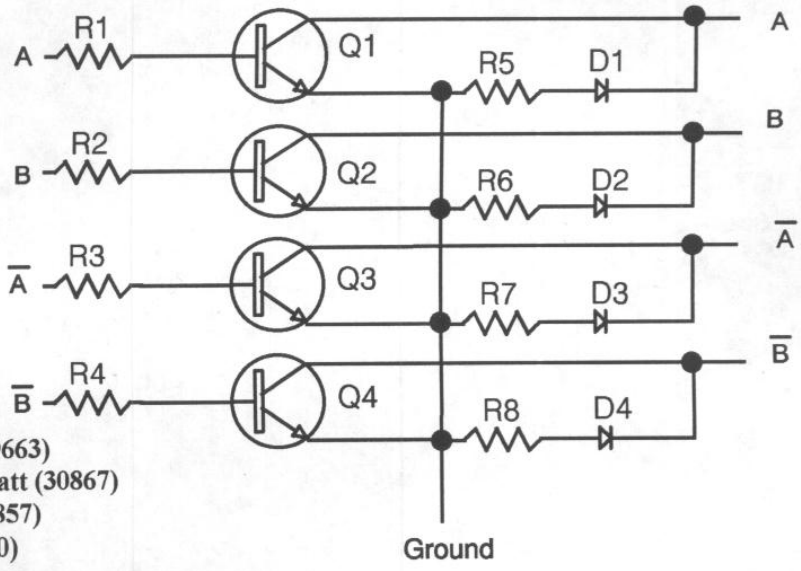
Specifications:

Unipolar (4 phase)
5VDC @ 385mA (typical) / 550mA (max.)
Phase resistance: 9.1 ohms (coil resistance: 18.2 ohms)
Phase inductance: 10mH
Step Angle: 7.5 degrees
Detent Torque: 90 (g-cm)
Holding Torque: 750 (g-cm)
Mounting Hole: 1.94" (diagonal hole spacing)
Mounting Hole: 0.13"
Mounting Plate: 1.8"W x 1.893"H
Motor Size: 0.81"H x 1.65"Dia.
Weight: 0.29Lbs.



Step	A	B	$\overline{A}$	$\overline{B}$	Common
1	on	off	on	off	+
2	on	off	off	on	+
3	off	on	off	on	+
4	off	on	on	off	+
5	on	off	on	off	+

Driver Schematic



Suggested Values:
R1-R4=1K, 1/4 Watt (29663)
R5-R8=330 Ohm, 1/4 Watt (30867)
Q1-Q4 =MJE3055T (25857)
D1 - D4 = 1N4003 (76970)